ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | INITIALS | IÙ NO. | DATE |
|---------------------------|----------|--------|----------|
| | | | 219:0: |
| FEE DETERMINATION | 38 | | 13/8/4 |
| O.I.P.E. CLASSIFIER | フレ | | 1-3114D |
| FORMALITY REVIEW | H. T | 913 | 06/22/07 |
| RESPONSE FORMALITY REVIEW | · | | |
| | | | |

INDEX OF CLAIMS

| | Poincted | N | Non-elected |
|---|----------------------------|---------|--------------|
| ~ | Rejected | ï | 1nterference |
| = | Allowed | À | Appeal |
| _ | (Through numeral) Canceled | . ^ | Objected |
| ÷ | Restricted | .0 | Objected |

| | | ê | | | ł, | | | * | | ÷ | - | | •• | •••• | | ••• | ••• | ••• | ••• | |
|----|----|--------|----------|-----|----|-----|-----------------|----------|-----|----|-----|-----|-----|------------|----------|-----------|----------|----------|--------------|----|
| 2 | a | lm | Ì | | | | _ | _ | - | Da | ate | • | | _ | _ | _ | 4 | _ | ٠. |] |
| au | | nginal | | | | | | | | | | | Ī | | | | | | | |
| ū | 1 | 2 | + | Á | | + | 4 | - | | ٠ | + | _ | 1 | • | | | _ | 1 | _ | 1 |
| _ | | 2 | _ | H | | 1 | | F | | | _ | | 1 | _ | H | 4 | | + | · . | 1 |
| _ | - | 3 | 1 | H | - | + | i. A | \vdash | | H | 1 | • | + | - | ŀ | + | 1 | 1 | , % | 1 |
| | | 5 | | | | 1 | <u>۔۔۔</u> ب | Ĺ | | Ŀ | | - | 1 | ` | L | | _ | | | |
| | | 7 | -1: | | - | 1 | | + | . 1 | 7- | - | | + | - jur | - | - | _ | 1 | - | 1 |
| | | 8 | - | | | | ja | | | Ŀ | ij | 7 4 | 1 | - | | | . * | | ٠. | 1 |
| | | 10 | - | L | L | | - | + | F | L | - | - | 1 | | - | | 1 | + | _ | 1 |
| | | i | | ŀ | | | | 1 | - | L | | | 1 | 7 | İ | | | | _ | 1 |
| _ | 7 | 13 | | Ļ | L | 1.3 | | 1 | _ | | | 1 | - | : * *** | - | - | - | | | ٠ |
| Ģ. | Ž, | 10 | | - | 1 | 1 | 122 | ŀ | - | | ` | | | • | 1 | 91 | | | Ė | |
| | | 1 | | | | | | Ŧ | _ | L | 4 | | | | 1 | | L | | 7 | 4 |
| | - | 1 | -+ | ł | + | 1 | | 1 | | 1 | | | | | 1 | Ü | İ | _ | | 1 |
| | | ľ | | Į | 1 | | | 1 | i e | I | | L | - | 1 | I | | | | - | - |
| | | 2 | - AL | İ | + | 4 | - | + | 1 | + | | 1 | | - | + | | + | - | H | - |
| - | 1 | 12 | 1 | 1 | 1 | | | 1 | _ | 1 | 1 | L | _ | | 1 | | 1 | 1 | | - |
| | | 12 | 2 | 1 | 1 | | | 1 | _ | + | ` | - | | - | + | , | + | 4 | | |
| | - | 2 | 4 | 1, | + | 1 | | 1 | 40 | 1 | • | ŀ | A | | 1 | _ | I | _ | İ | |
| - | | | 5 6 | | 1 | 7 | 1 | - | | + | _ | + | | L | 4 | | + | | 1 | |
| ŀ | _ | _ | 7 | - 1 | + | _ | t | | | 1 | | 1 | _ | | 1 | | İ | | 1 | ٠, |
| ١ | _ | | 8 | | 1 | | I | | | - | | 1 | | 1 | 4 | <u>::</u> | + | <u>.</u> | + | • |
| ١ | | SC | 9 30 | | + | | + | | - | 1 | : , | + | - | l | | <u>.</u> | 1 | | 1 | |
| l | | _ | 31 | 1 | | | 1 | | | 4 | | Ţ | | ŀ | | _ | 1 | | + | _ |
| ١ | , | _ | 32 33 | - | 1 | | 1 | • | - | | | 1 | - | 1 | | Ĺ | | | 1 | |
| | , | | 34 | | | | Ţ | | F | | _ | 4 | | 1 | 7 | _ | 4 | | + | , |
| | | | 35 36 | L | | - | + | - | 1 | 1 | - | - | | 1 | - | - | 1 | _ | | |
| , | | | 37 | ļ | | Ĺ | 1 | | I | | L | - | • | 1 | | - | | Ŀ | + | _ |
| | ŀ | | 38 39 | 1. | | ŀ | + | - | t | _ | - | 1 | . " | 1 | _ | Ė | _ | | | 51 |
| | | | 40 | - | _ | | 1 | _ | Ţ | _ | | | | I | | L | _ | L | | _ |
| | L | - | 41 | 1 | | L | + | - | ł | _ | ŀ | - | Ŀ | + | <u>.</u> | ┞ | - | H | - | - |
| | - | | 43 | ī | _ | Ŀ | 1 | _ | 1 | _ | L | | Ŀ | 1 | | ļ | _ | I | | _ |
| | F | | 4: | 1 | | | 4 | . ; | 1 | , | + | - ! | Ŀ | + | | + | · | 1 | | L |
| | - | _ | 46 | 3 | 17 | 1 | | _ | 1 | _ | t | _ | | | Ť | 1 | <u>:</u> | 1 | _ | Ė |
| | I | 7 | 47 | 7 | _ | 1 | _ | | 1 | | F | _ | 1 | 4 | ٠ | + | | 1 | . | F |
| | 1 | _ | 41 | 9 | - | t | ᅱ | 1 | į | ÷ | + | _ | l | | - | 1 | _ | 1 | _ | L |
| | t | - | 5 | | _ | t | _ | - | 7 | ₹. | T | | Γ | | Г | T | | T | _ | ĺ |

| . r | (es | tric | te | a | | | | | | | | | | ••• | •••• | ••• | •••• | ••• | ••• | •• |
|----------|----------|----------|---------|----------|---|-----|---|-----|----|----------|---|----|----|-----|----------------|----------|------|-----|----------|----|
| Cla | im | | | | | _ | | | D | ate | • | | _ | | | _ | | |] | |
| | | | T | | Γ | | | I | | T | _ | Ī | | | | | | | ١ | |
| Final | Original | | ١ | | | 1 | | | | ĺ | | | | | 装 | | | | | |
| = | 51 | | İ | _ | | | | | | | - | I | _ | 1 | | L | 1 | _ |] | |
| , | 52 | +- | Į | _ | L | _ | - | 4 | i. | 4 | _ | 4 | _ | 4 | | L | 4 | _ | 1 | |
| | 53 | _ | 1 | _ | - | _ | _ | 4 | _ | 4 | _ | + | | + | | ŀ | - | _ | ┨ | |
| - | 54 55 | - | + | | H | - | ┝ | - | - | + | - | 1 | _ | 1 | + | 1 | - | _ | 1 | |
| λ. | 56 | _ | + | .÷ , | t | | | | | | | | | 1 | 1. | L | | _ |] | |
| | 57 | | I | ٠, ' | I | - | | | L | Ť | | | Ž. | 1 | | - | é | Ļ | 4 | , |
| | 58 | - | 1 | <u>.</u> | ļ | 4 | L | | Ļ | | | - | _ | - | <u>.</u> | ŀ | | | 1 | |
| | 60 | _ | + | · | ł | - | H | _ | H | - | - | - | , | + | - | ľ | , | Ì | 1 | • |
| y / | 6 | _ | + | | t | - | t | | r | - | | | - | 1 | | 1 | | | 1 | |
| | 62 | 1 | 1 | | Ī | _ | I | , j | | ż | L | | | | | I | ė | | | |
| _ | 6 | _ | | | 1 | ٠. | ļ | - | L | , | - | 1 | - | 4 | | ŀ | | - | 4 | |
| | 6 | | 4 | | + | ب | + | _ | ŀ | | - | ٠. | - | - | . . | + | | × | - | |
| | 6 | | 1 | - | + | ٠. | t | ۳, | t | <u>;</u> | H | | ١ | | 1 . | 1 | | 1 | | |
| | 6 | - | | 4 | 1 | : | ľ | | Ī | • | | | | | | I | | | | |
| | 6 | | | | - | | 1 | | l | 3. | ŀ | _ | L | - | - | 4 | ۰ | L | | ĺ |
| Ļ | 6 | - | _ | | 4 | | + | - | ļ | _ | - | | , | ÷ | - | + | | + | 닉 | ŀ |
| - | 7 | | _ | H | - | | + | | + | _ | ŀ | | ŀ | _ | - | 1 | - | t | -1 | |
| - | 1 | - | | - | 1 | ٠. | + | - | 1 | ., | 1 | | t | | | | | 1 | | ŀ |
| - | | 3 | | | | | 1 | | 1 | 1 | I | | L | | | | | I | | ١ |
| Ľ | _ | 4 | _ | L | | L | - | | 1 | | 1 | - | 1 | _ | - | 4 | _ | + | _ | ١ |
| H | _ | 6 | - | ┝ | _ | - | - | ÷ | 1 | - | ł | - | t | - | - | - | ÷ | † | - | ĺ |
| \vdash | _ | 7 | _ | t | - | | 1 | | 1 | | 1 | | t | - | T | | | 1 | | |
| F | 7 | 8 | _ | I | _ | , | | | | | | | I | _ | I | | L | 1 | | 1 |
| E | _ | 9 | ě. | 1 | | L | | ÷ | 4 | _ | 4 | _ | 4 | | ╀ | | H | + | _ | 1 |
| - | | 30 B1 | - | ╀ | _ | ┝ | | H | • | - | 1 | - | + | _ | ╁ | | ┝ | + | i | 1 |
| 1 | _ | 82 | - | + | | t | _ | | | | 1 | | 1 | _ | İ | _ | | 1 | | |
| | | 33 | | I | | L | _ | | | | | | 1 | _ | ľ | _ | L | 4 | | - |
| - | | 84 | | 4 | _ | ļ | _ | L | | - | - | | 4 | | ╁ | _ | ╀ | + | _ | - |
| - | | 85 86 | <u></u> | ł | - | 1 | - | ┞ | | | - | | 1 | | \dagger | | t | 1 | | |
| + | 1 | 87 | _ | 1 | _ | 1 | _ | L | | | | | | | 1 | ÷ | T | | | _ |
| | | 88 | _ | 1 | , | 1 | _ | Ļ | | L | _ | L | 4 | _ | 1 | _ | Ļ | | ٠. | - |
| - | - | 89 90 | - | + | | + | | ł | | ╀ | | - | - | - | + | | + | - | - | - |
| - | | 91 | L | + | _ | + | | t | | F | _ | H | - | r | 1 | , | 1 | _ | _ | - |
| ŀ | - | 92 | H | 1 | - | † | | t | _ | t | _ | H | | | 1 | _ | Ť | | | _ |
| | | 93 | | 1 | _ | 1 | | I | _ | I | | | | L | 1 | _ | I | | L | _ |
| 1 | | 94 | _ | 4 | _ | 1 | | 1 | | 4 | _ | 1 | | L | 4 | _ | + | | H | _ |
| - | _ | 95 96 | - | 4 | | + | | + | _ | ł | | ŀ | | H | 4 | _ | + | | \vdash | - |
| 1 | | 97 | t | + | _ | 1 | | † | _ | + | | t | _ | t | + | <u> </u> | † | _ | | _ |
| ł | | 98 | _ | | | 1 | | 1 | _ | 1 | _ | I | _ | I |] | | 1 | | L | _ |
| | | 99 | ٠. | 4 | _ | 4 | _ | 4 | _ | + | _ | 1 | | ļ | - | _ | 4 | _ | 1 | , |
| Į | | hoo | j | 1 | | - 1 | | -1 | | 1 | | 1 | | i | - 1 | | -1 | | 1 | |

| •••• | . UI | ojec | te | 9 | | | | | | ٠. | | | | | | | | |
|------------|----------|------------|----------|----|-----|----------|------|-------------------|-----|-----|-----|------|-----|----|-------|-----|----------|-----|
| Cla | im | _ | in | | | - | 7 | Da | te | | | 4. | | - | | · · | ٦ | |
| | | | Ċ | T | • | Γ | T | | T | | ŕ | | | 1 | | | ٦ | 4. |
| Final | Original | | | 1 | | ľ | 1 | . , | ŀ | , | 3 | | 1=1 | ŀ | | | ١ | |
| Ē | | | Ŀ | 4 | • | L | 4 | 10 | 1 | 711 | ŀ | - | | + | | ŀ | \dashv | |
| | 101 | - | H | + | 1 | ┞ | + | , | 1 | | ŀ | | - | + | - | ╁ | - | |
| _ | 103 | _ | H | + | 02 | | 1 | | 1 | | | | | † | - | t | 7 | |
| _ | 104 | | H | + | _ | Ė | 1 | - | 1 | | t | | ÷ | 1 | , | T | | ŀ |
| | 105 | | Г | | | T | | - | 1 | ,* | Ī | | | 1 | | Γ | | |
| | 106 | | L | | | Ī. | | | 1 | 1.5 | | | | 1 | | L | _ | |
| * | 107 | 2 | L | 4 | | ŀ | | | 1 | | ļ | 1/20 | 1 | | 3 | ļ | | |
| | 100 | | L | -1 | | ŀ | | - | 1 | 1 | ł | , , | 1 | | - | 1. | | |
| <u>.</u> | 109 | - | ŀ | | 72 | + | - | - | 1 | di | 1 | | 1 | 4 | r · | ŧ | - | |
| - | 11 | | - | - | | t | - | <u>د د</u> د د | 1 | - | t | 1 | * | ٦ | 1 | † | | |
| <u> </u> | 112 | | + | | | t | | 1 | 1 | | 1 | | 7 | - | 6 | T | | |
| | 11 | | 1 | | | Ī | .7 | | | 77 | 1 | 1 | | | | 1 | 1 | |
| F | 11 | 4 | | , | Ŀ | 1 | | | | | - | | | | | | | 1 |
| 111 | 11 | - | L | | - | 1 | و با | - | | | 1 | | 2 | | | 1 | £. | 1 |
| » : | 11 | - | + | | | + | 90.3 | | | 1 | 4 | | 1 | | | + | | |
| 1 | 11 | - | + | - | | + | | 1 | 3 | 400 | 1 | | 1 | | | + | 1. | 1 |
| - | 11 | | 1 | - | - | 1 | la d | 1 | | | | | | 1 | | t | ٠. | 1 |
| - | 12 | - | 1 | | - | - | | T | | | | 7.7 | | | | 1 | 7 | T |
| - | 12 | - | + | | 100 | 1 | | 1 | N | 1 | | 117 | T | 7 | - | 1 | 0. | 1 |
| | 12 | | 1 | | | 1 | | Ī | 13 | | | 100 | | ¥ | | I | | 1 |
| | 12 | | I | 1 | L | | | ľ | 7, | | - | | 1 | | L | 1 | | 1 |
| E | 12 | | 1 | 1 | L | 1 | | 1 | | L | 1 | | 1 | 4 | Ľ | 4 | | - |
| L | 12 | _ | 1 | | ļ. | - | ÷ | 1 | - | ÷ | - 1 | - | 1 | 20 | 1 | - | | 1 |
| - | - | 6 | + | _ | 1 | - | _ | + | _ | 1 | ł) | H | + | , | + | 1 | | 1 |
| \vdash | | 28 | + | | t | - | | 1 | | T | | | 1 | | t | | | 1 |
| - | _ | 29 | 1 | œ. | t | | Г | 1 | | T | | | | 1 | I | | |] |
| | - 13 | 0 | | | | | Ŀ | I | | I | | 1. | - | | 1 | | | 4 |
| Γ | | 31 | | | 1 | | L | 1 | _ | - | _ | 10 | 4 | | 1 | _ | - | 4 |
| Ļ | | 32 | 4 | _ | + | _ | L | 1 | · · | + | | - | - | - | ÷ | _ | H | - |
| - | | 33 34 | 4 | _ | + | | - | + | - | + | | + | 1 | , | † | ÷ | | ┪ |
| H | | 35 | - | | t | | + | 1 | | 1 | V. | | | | 1 | 1 | ŀ | |
| H | - / - | 36 | | | 1 | , | T. | 1 | ٠. | 1 | | | | | 1 | ÷ | Γ | |
| t | 1 | 37 | | | 1 | | | | | I | | | | | 1 | | L | |
| | | 38 | | | | | ŀ | 1 | - | 1 | 1 | 1 | 18 | 3 | 1 | - | L | |
| 1 | - | 39 | <u>.</u> | Ŀ | + | - | L | 4 | | + | ^ | + | - | | + | | ŀ | - |
| L | | 40 | _ | L | 4 | <u>.</u> | ╀ | - | 1 | + | ¥. | + | | | | 100 | + | |
| 1 | -[| 41 | | F | 4 | • | ╀ | - | - | + | - | + | 4 | - | | 1 | t | - |
| H | | 43 | | + | + | - | + | - | | + | + | + | 1 | - | 1 | 7 | t | -4- |
| 1 | | 44 | ÷ | t | + | _ | + | 7 | | 1 | | 1 | Z. | | ě, | | T | |
| 1 | | 45 | | ŀ | + | ē | Ţ | | ľ | 1 | - | I | | ľ | | 1 | I | |
| 1 | | 46 | | Ι | J | | I | | | 1 | _ | | _ | L | | | 1 | |
| [| | 147 | | L | | _ | 1 | | L | _] | | 1 | | 1 | | | 1 | |
| | | 148 | | 1 | | _ | 1 | | ŀ | | | + | _ | ŀ | And I | | 1 | |
| - | | 149 150 | | + | _ | _ | + | | ┞ | - | - | + | | + | | - | + | |
| ļ | | 100 | | L | _ | _ | | _ | ١. | | - | | - | 1 | | - | - | _ |

